



Cross Life



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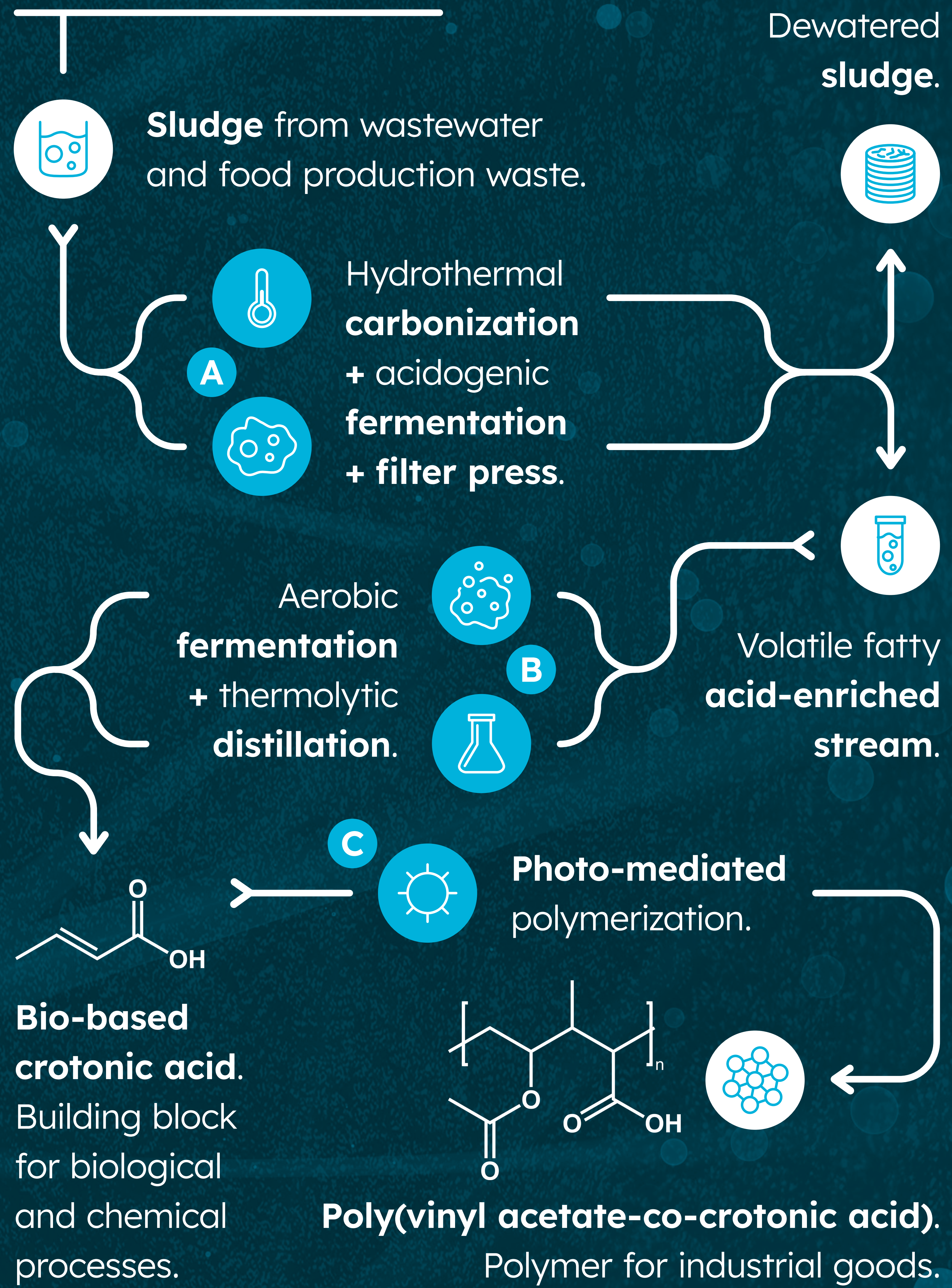
When less is even more

After stabilization and dewatering, sludge is either directly reused in agriculture/composted, incinerated or sent to landfill.

Cross Life will reduce the amount of sludge produced by wastewater treatment plants, decreasing the **cost of sludge management and the environmental impact.**

Cross Life will produce bio-based crotonic acid and poly(vinyl acetate-co-crotonic acid) from sludge, applying an **industrial symbiosis approach.**

THE PROCESS



PARTNERS



WINTER 2025
AQA, GONZAGA SITE

SPRING 2026
VINAVIL SITE

FALL 2026
HERAMBIENTE SITE

SPRING 2027
VINAVIL SITE

Building and running the first DEMO plant. From urban sludge to bio-based crotonic acid.

Production of poly(vinyl acetate-co-crotonic acid) from bio-based crotonic acid.

Building and running the second DEMO plant. From industrial sludge to bio-based crotonic acid.

Building and running a prototype for the photopolymerization of bio-based crotonic acid into poly(vinylacetate-co-crotonic acid).

crosslifeproject.com